## JC20 Rec'd PCT/PTO 1 0 JUN 2005

PTO/SB/08A (08-03)
ved for use through 07/31/2006. OMB 0651-0031
Patent and Transmark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known		
Application Number	June 10, 2005	
Filing Date		
First Named Inventor	Steven C. Constable	
Group Art Unit	Unknown	
Examiner Name	Unknown	
Attorney Docket Number	US3083 (111845-0058)	
	Application Number Filing Date First Named Inventor Group Art Unit Examiner Name	

		Document Number		. Name of Patentee or	Pages, Column, Lines, V	/her
Examiner Cite No.1		Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
Mad	A1	2,293,024	08-11-1942	Klipsch		
9.7	A2	2,531,088	11-21-1950	Thompson	1	
	А3	2,839,721	06-17-1958	Witte		
	A4	2,872,638	02-03-1959	Jones	/	
	A5	3,052,836	09-04-1962	Postma		
	A6	3,182,259	05-04-1965	Mayes		
-1-	A7	4,047,098	09-06-1977	Duroux		
	A8	4,298,840	11-03-1981	Bischoff et al.		
	A9	4,617,518	10-14-1986	Smka		
	A10	5,770,945	. 06-23-1998	Constable		
	A11	6,480,000 B1	11-12-2002	Kong et al.		
	A12	2003/0043692 A1	03-06-2003	Ellingsrud et al.		
	A13	2003/0048105 A1	03-13-2003	Ellingsrud et al.		
1,	A14	2003/0052685 A1	03-20-2003	Ellingsrud et al.		
1	A15	6,603,313 B1	08-05-2003	Smka	1	
-		FOREIG	GN PATENT DO	LUMENTS		
		Pages, Column, Lines,	Γ			
		Foreign Patent Document	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
caminer itials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (d known)				
and	A16	WO 01/20366 A1	03-22-2001	Smka		
07	A17	WO 01/57555 A1	08-09-2001	Ellingsrud, et al.		L
		WO/03/048812 A1	06-12-2003	MacGregor et al.		L
						$\vdash$
xaminer S	Sionatuu	e Jagnifa		Date Consid	dered .	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## Best Available Copy

## JC20 Rec'd PCT/PTO 1 0 JUN 2005

Patent and

PTO/SB/08B (08-03) yed for use through 07/31/2006. OMB 0651-0031 ark Office: U.S. DEPARTMENT OF COMMERCE

Substitut	tute for form 1449/PTO			Application Number		
				Application Number	をはノンフロンとい	
INFORM	TATION DISC	LOS	IIRF	Filing Date	June 10, 2005	
STATEMENT BY APPLICANT  (Use as many sheets as necessary)				First Named Inventor	Steven C. Constable	
				Group Art Unit	Unknown	
				Examiner Name	Unknown	
Sheet	2	of	2	Attorney Docket Number	US3083 (111845-0058)	

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
Inf	B1 /	PAUL, A.C., "Evolution of Wireline Well-Logging Technique (The Eye of Oil Industry) in India and Advances Beyond 2000", Geohorizons, January 2002.					
	B2 /	COX, C.S., et al., "Controlled-source electromagnetic sounding of the oceanic lithosphere" (6 march 1986) Nature, Vol. 320, No. 6057, pp. 52-54.					
	B3 /	SINHA, M.C., et al., "An Active Source Electroagnetic Sounding System for Marine Use" Marine Geophysical Researches 12:59-68 (1990)					
	B4	CONSTABLE, S., et al., "Marine controlled-source electromagnetic sounding 2. The PEGASUS experiment" Journal of Geophysical Research, Vol. 101, No. B3, pp. 5519-5530 (Mrch 10, 1996)					
	85	FLOSADOTTIR, A.H., et al., "Marine controlled-source electromagnetic sounding 1. Modeling and experimental design" Journal of Geophysical Research, Vol. 101, No. B3, pp. 5507-5517 (March 19, 1996)					
	B6 /	MacGREGOR, L, et al., 'Electrical resistivity structure of the Valu Fa Ridge, Lau Basin, from marine controlled-soiurce electromagnetic sounding', Geophys. J. Int. (2001) 146, 217-236					
	B7 /	EIDESMO, T., et al., "Sea Bed Logging (SBL), a new method for remote and direct identification of hydrocarbon filled layers in deepwater areas", First Break Vol. 20.3 (March 2002), pp. 144-152.					
	B8 /	ELLINGSRUD, S., et al., 'Remote sensing of hydrocarbon layers by seabed logging (SBL): Results from a cruise offshore Angola', <i>The Leading Edge</i> (October 2002), pp. 972-982.					
V	B9 _	EVERETT, Mark E., et al., "Effects of near-surface conductance on global satellite induction responses", Geophysical Journal International, 15:37 (March 7, 2003), pp. 277-286.					
	_						
		<u> </u>					
Examiner Signature		Jacquelaber Date Considered 3/6/5	6				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO). to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.